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AK069889.q MPLTLRARAWSPQASVLPWIKRS -KS AFQRSSAVSAPASPARA STSSCAAGCRRSAAGRCADDAGLLLARRRQLTRQKLRLHVVDDIGVLESGLLVANSSSPPGRGRASLSAAAVGH -PVSIPARIASSAEEFR -AVHQPPPRATAASPVLLPLPLPSKPVSESDTS
 AK068541.q MPPWIKRS VSPSPSPSSPSSSSAATSPASPARA STSVPSPRGG-CVPSRRDVGWVCFGGGSDFQRRLTRQKLRLHVVDDIGVLESGLLVANSSSPPGRGRASLSAAAVGH -PVSIPARIASSAEEFR -AVHQPPPRATAASPVLLPLPLPSKPVSESDTS
 18425121.p MMFLP -QIESPSSPSSSSAATSPASPARA STSVPSPRGG-CVPSRRDVGWVCFGGGSDFQRRLTRQKLRLHVVDDIGVLESGLLVANSSSPPGRGRASLSAAAVGH -PVSIPARIASSAEEFR -AVHQPPPRATAASPVLLPLPLPSKPVSESDTS
 24410013.q VPLGIPLR KWWRRRKDPAGDAAAATTATSPRSVPDLGGTSAYSAPSACASPSSTTPTPTRWGAGASAAPP -RCPGPQDHGGHLTPRPFVKSAAMPALASPAAAAPPSPSPP
 AK068725.q MPAWIKRS SRKAKGVKPGPKAGAASAPSARSKLVDLDSASPPVTPAREKARSLDPSAAPRHGGGRCGGGF -EVYKOPFVPGDAGGGQQCEPELEAFPVREREN -GDVGVGVAGDAASSEELVCSS -DSDDEATDQQCVCRSTPDAFVRG
 6979318e.q MPWIKRS GKKKGK -GSAAGAECEEGRKAGSFDEALLAQGQSEEEKEVWV -GHPWPRPLASPAASAAAGASAS -ACASAABEVSGO -SSSDDEADHRNYTRYTDPPVHTSG
 30695537.p MPWIKRS SCKNKKDD -NHRIIISSTDRIKRS -AVVVFPLPPTTGTGTGTPRCSRFEPAGASSAFSOFDS -STEKKGHIPRPLLSPVSIHHQDHIVSGCTS -GSTVSCEVSSESS -GSADDQSQLVASCRGDKVKFNVA-
 18404528.p MPWIKRS SCNKDD -NRGIISSTDRIKRS -AVVVFPLPPTTGTGTGTPRCSRFEPAGASSAFSOFDS -STEKKGHIPRPLLSPVSIHHQDHIVSGCTS -GSTVSCEVSSESS -GSADDQSQLVASCRGDKVKFNVA-
 AK065413.q MPWIKRS KSSKKSSKEVKKIATKENLIDTFHRLLS -PDNQKTSKXKRSCRGNDSSVEKSRCSVPTEKSRSQCSAARAHQPLPERSRAMVARTASDITES -KVVLKEKRKGK -QQLPLPITNWKKERPEPTEPVAELSTARISSSGSIDSDPQDILRLQGPNVANDTDNVAKATTGN
 AK073040.q MPWIKRS KSSKKSSKEVKKIATKENLIDTFHRLLS -PNEQKCRTKS -RGNNRHSKDPAAEKGCWSSTAQSRSKESFAAARAHQPLPERSRAMVARTASDITES -KVVLKEKRKGK -QQLPLPITNWKKERPEPTEPVAELSTARISSSGSIDSDPQDILRLQGPNVANDTDNVAKATTGN
 15222512.p MPWIKRS KDEKKKINKESIIDAFNRKLGEASEDRS -GSRSKSRRRDEIVSERGAISRLPSRSFPSTRVRCQSFEE -RSPAVIIPREIVRPHVISTDSGMNSQRPGLDANLKP -SWLPLPKPHGATSPIDNTGAEFPATAVSG -SSVSIPIPSDS -LLSPLASDCENGNRTPVNIS
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AK069889.q EDVGVGERAT -RVTSQIVCNFEDNNNNLPDNNSKRTTTSIHHRKVFKRKFQDKSSTETANFRNIPIAKSAPSSGFSSPVCSSPFRSIN -AEY -TTPTAQGPQAWSP -SVRSVPDMAT -SSPRISPELYTGVTBQS -TFSNLSLRSPVIMKNSAAPP -SPLIEPKLFP -ENMRSIGEINGN
 AK068541.q LGVSEIGSDRASLFPVRMAKTVQKNPEHG -DLRSNGTN -GINCGQRRAFKEKIQDKSSAETLTFRNINIPAKSAPSSGFSSPVCSSPFRSIN -VDFLSTATSITQGANLSSAQ -SVWSPDLYGS -SFRPCASPEKIMGSQRS -RSSPLRSPVLRKNSPAPP -SPMIEPKLFP -ENHVSREGNGS
 18425121.p ARCLDPRD -RDPERLISSDRITSSGPPLTS -VNQGFGARDSSRKAATENSYCDPSPRNRYWNVIP -TMSAPTPSYMPSPVSPQRFQTSCHDLPFFYLPKNQSADMLDSTSGLPPFAFTDV -PITFSTDNSPINSQPFSPRKFQIRSPQPRSPSSRSPVSSLSVDFSDAPRDSVSSPQRRFQ
 24410013.q RTVLPDQG -HNQEVWEKRFVFC -GILQEHOKFEEVPIANVNEVHHOMIIFESTS -ESSY -SRQMLIEDTFAVRSPRSVQFPFG -HAY -SA -CCARDFGTTPSPSPVVRMDDP-R
 AK068725.q RNMPSDS -HKIINEQEDNHFMSSY -SMPREHEKRFPEEVPIVMNGELH -LHCDDLSTS -ETS -SRQMLIEDTFAVRSPRSVQFPFG -HAY -SA -CCARDFGTTPSPSPVVRMDDP-R
 6979318e.q RTLAIDSRRNLAEEGRRFFAN -NQGLAEPRSETSVSPRKESY -LHNLDLSDN -RIFAY -CHGRKSEIIVFSTRVIPSPFGSKQKIPC -PTSGPSRFGCOPSPATRQDDP-R
 30695537.p AAIRSPE -RVPSPKAATTITR -PTSPRHIQRGSQGVSS -LESSTG -RND -DGSSSECHPLRPPTPSA -VHGSGRIG
 18404528.p AAIRSPE -RVPSPKAATTITR -PTSPRHIQRGSQGVSS -LESSTG -RND -DGSSSECHPLRPPTPSA -VHGSGRIG
 AK065413.q SSNARKCCEGPPIATAKNMKEIHRPANQVGHSHILSTSPRG -VAADSYSQSNLQN -PFLVLDAPNSLSSSPRSR -ICFDHPIPTSAFWAKPHTDVTFVGSGQCSSPFGSG
 AK073040.q SSVHHKECSAIIKRTGKJKEVTPM-TN AFLS -NQILSTSPTGTVVADSYQSNLQN -RKVVLDSAATSVSUSPSSRSPRI -LCPDQDPIPSAVAWAKPHTDVTFVGSGQCSSPFGSG
 15222512.p SRDQSMHSN -KNSAEMFKFVPP -NKNRILSASPRR -RPLGTHVHKNLQIOPD -DLVLCsapDSLSSSPSRSPMRSFPTDQVSNIGLLISKPSYPSDVSSLGSGQCSSPFGSG
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AK069889.q VSFHFPLPFPGAI -SMOTSVIVN -QSAFKVEMPSSVAGWQKGRLGNGCTPVCV -EAATRQGKLCAMKVENIIPDDAKSAE -LKOLOEIQIKEILOKLSFVHGVYNGDIF -EDRFYIYLEVHQSINSKYVQHGVAMT-PR -VWNVRNFTRHHLQIJKMHDIKGANLVIDV
 AK068541.q VNFVPLPFPASV -PKOTNASH -QVKEVVDAPSAMQGWQKGRLGNGCTPVCV -EAATRQGKLCAMKVENIIPDDAKSAE -LKOLOEIQIKEILOKLSFVHGVYNGDIF -EDRFYIYLEVHQSINSKYVQHGVAMT-PR -VWNVRNFTRHHLQIJKMHDIKGANLVIDV
 18425121.p CNVHPDPLPPGATC -SSSSAASVSPSPQAPLKLDSPFMNS -WKKKGKLLIOQTPOCIVVVA -NSSETQGCLCAMKEVBLPPDDPFSKSAEIKQOLEIEKIILLSNLCPNIVQFYSETV -EDRFFIYLEVHQSINSKYVQHGVAMT-PR -VWNVRNFTRHHLQIJKMHDIKGANLVIDV
 24410013.q SPSPQPLPFPVVA -SSSSISITSS -QVQPSQSKRKGKLLGNGCTPVCV -VILGFNSENGOCAIKEVQEVLFDDSSHSEKRLRQHONVQYGESELSS -DADAIYLEDPSGGSIIHLLREYG -FFKBEVIRNTYQQLLSCAYLHNKTVHRDIKGANLVIDV
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 18404528.p SSSSPHPLPFPVVA -GGYPTSPSPGFS -TWKKGKLLGNGCTPVCV -VILGFNSENGOCAIKEVQEVLFDDSSHSEKRLRQHONVQYGESELSS -EETDSVYLEYVSSGSISIHLKDVG -SFTBDEVIGNYRQLLACIAGLHNKTVHRDIKGANLVIDV
 AK065413.q KQTTHKLDPPLSIS -HSSFEIPNNTSITSPISVERSPGRVENPPSPGSP -KKKGKLLGNGCTPVCV -HVVYGVNSD -SGEMCAMKEVTLPLDDPFSKESAKQLOGEIISLLS -DdkQYIYLEVYSSGSISIHLKDVG -OLGEAARISYTOQILQCLAYLHNKTVHRDIKGANLVIDV
 AK073040.q KQTTHRDPPLSISNCNSTFLPNNSTSPIS -SPGRVENVPPSPGSP -KKKGKLVN -CFTPCHVYVGVNSD -SGEMCAMKEVTLPLDDPFSKESAKQLOGEIISLLS -DdkQYIYLEVYSSGSISIHLKDVG -OLGEAARISYTOQILQCLAYLHNKTVHRDIKGANLVIDV
 15222512.p QOSFRDPLPPLSISNCFPSVTSATSPSPV -RSPARAEATVSPGS -KKKGKLLGNGCSFWVYVLCGNSPESGEMCAMKEVTLPLDDPFSKESAKQLOGEIISLLS -DdkQYIYLEVYSSGSISIHLKDVG -QFGPNAIRNTYQQLLACIAGLHNKTVHRDIKGANLVIDV
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AK069889.q SGVVKLADFQMAKHL -TAPNPLSLGKTPYMAPWAVP -ENVQATLNKDV -YD LAVDIISLGCTIIEFMNGKPPSDLRCFPAAMETV -HKD -PFDNLSHICKDKLPLCPFRKNSP -TASELLERPTFINSSHYNKGSI -HSFAGIKSDNNNGNSRDKAASKSDSCVKKG -ITVGEPTINARP
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 18425121.p SGVVKLADFQMAKHL -GORADLSLKGSPWYMAPLQVMCKDSDNP -PLADPFDIISLGCTIIEFMNGKPPSDLRCFPAAMETV -RDS -PFBPESMSPCKDPLPFRCPN -PTASMLEERFLKNSLOPSTSNS -DVSQLENQNMITEPSSRREKCFKLDQVRARN -MTSSESESQO
 24410013.q NGEVKLADFQMAKHVT -SPEIIIFRSKGS -YMAPEWVNN -NKG -YNAVVDIISLGCTIIEMATAKPVVYDVAIAFKIA -NSKDFDPIELDCSKECKDKLPLS -ICLKRD -VOPSSAASLSEPFV -HQAVERAPT -LNGNISSEPAASHRKP -NRSSRRNIA -PHLGIAGLSAREFAGFSTAYP -S -TS
 AK068725.q NGVVKLADFQMAKHIS -HPSKGS -YMAPEWVNN -NKG -YHDQVFDIISLGCTIIEMATAKPVVYDVAIAFKIA -NSKDFDPIELDCSKECKDKLPLS -ICLKRD -VOPSSAASLSEPFV -HQAVERAPT -LNGNISSEPAASHRKP -NRSSRRNIA -PHLGIAGLSAREFAGFSTAYP -S -TS
 6979318e.q NGDIKLADFQMAKHSI -AHTSIKSFKGGS -YMAPEWVNN -NKG -YSLSDVWISLGCTIIEMATAKPVVYDVAIAFKIG -NSKDFDPIELDCSKECKDKLPLS -ICLKRD -VOPSSAASLSEPFV -HQAVERAPT -LNGNISSEPAASHRKP -NRSSRRNIA -PHLGIAGLSAREFAGFSTAYP -S -TS
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 AK073040.q NGVVKLADFQMAKHN -GCCCPESFKGS -YMAPEWVNN -NKG -CNLAVDIISLGCTVLEMASKPPM -SoyCIAA -P -AFKIG -NSKDFDPIELDCSKECKDKLPLS -ICLKRD -VOPSSAASLSEPFV -HQAVERAPT -LNGNISSEPAASHRKP -NRSSRRNIA -PHLGIAGLSAREFAGFSTAYP -S -TS
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 AK068541.q SSSAFRLTPLSIOQVAFNFSSRLGTLTSNSPSEN -LNVN -VYFPIANCSRSLPPLPNEKEALF -GSLSNRVAVGLTALENLT -SLSPTMSLSPSPG -SAAATPSMHEISIAYHQPLSPR -NGKEAIDP -TLLKHDIDP
 18425121.p QQQQYRSEDLTGCTVNR -LSPR -STLEAIFPSCPSPS -KPSSSDRTTGTVDH -LSPR -STLEAIFPSCPSPS -KPSSSDRTTGTVDH
 24410013.q SSPTAVRANNSLPVSPCSSLRLQFKQSNNSCPLSPTHPALP -GSLAAAYPNNPLQNSRRSAAVPDPWLE -ISOLKQVQSPYGSKP -RF -SPISVWRNNSLPVSPCSSLRLQFKQSNNSCPLSPTHPALP -GSLAAAYPNNPLQNSRRSAAVPDPWLE -ISOLKQVQSPYGSKP -RF
 AK068725.q SPIISVWRNNSLPVSPCSSLRLQFKQSNNSCPLSPTHPALP -GSLAAAYPNNPLQNSRRSAAVPDPWLE -ISOLKQVQSPYGSKP -RF -6979318e.q INPSNVINNNSLPVSPCSSLRLQYRQNSRSCMPSPHPAYSGAAANYSPINNALYPK -RPSNHPVDPWLE -ISOLKAP -PFDSPR -RL -ISOLKAP -PFDSPR -RL
 30695537.p ENVAAIISLVPSPCSSLRLQFAKSCFL -P -P -FQDGSCINLAEEFAAS -P -F -P -RPMKDDAMME -PSSFRQTQPNPSLRLR -ENVAAIISLVPSPCSSLRLQFAKSCFL -P -P -FQDGSCINLAEEFAAS -P -F -P -RPMKDDAMME -PSSFRQTQPNPSLRLR
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 AK065413.q DIRHNSN -ISCPVSPCSSLRLQSFQNSRGRMSPSPISS -RTTSGTSTPLSGGNAIPEFNHLKQSTY -NEGFAIPSPRSPDPLFASR -TDLQFOLFIRVHGSQGLQERV -VSEADILSPQFPGKR -LGNVFDLRLDKLSPSERFTHIAFVDHVKLNLPSLDLTSGSPHLGLKHN
 AK073040.q DIHV -YISCPVSPCSSLRLQSFQNSRGRMSPSPISS -RTTSGTSTPLSGGNAIPEFNHLKQSTY -NEGFAIPSPRSPDPLFASR -TDLQFOLFIRVHGSQGLQERV -VSEADILSPQFPGKR -LGNVFDLRLDKLSPSERFTHIAFVDHVKLNLPSLDLTSGSPHLGLKHN
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